RACU 6 DEACTIVATION

NOTE
This procedure assumes that MDM N1-2 is Primary and MDM N1-1 is Secondary.

1. INHIBIT NCS AUTORETRY

PCS Node1: C&DH: MDM N1-2

Primary NCS MDM Node1

'Software Control'
sel MDM Utilities
'Auto Retry'

cmd Inhibit **Execute**

√Auto Retry - Inh

2. COMMAND N1-1 TO DIAGNOSTICS

NOTE
Expect PCS FDA 'CDH MDM N1-2 detected RT fail MDM N1-1 - PMA1.

Node1: C&DH: MDM N1-1
Secondary NCS MDM Node1
sel Major State Transitions
'N1-1'

cmd Authorize Transition to Diagnostic State **Execute**
cmd Trasnsition to Diagnostic State **Execute**

3. REMOVE POWER FROM N1-1 MDM

'RPCM N1RS1 A'

sel RPC 11
sel Commands
cmd Open **Execute**
√Position - Op

4. DISABLE RT DEVICES I/O ON EPS BUSES

PCS Node1: C&DH: MDM N1-2

Primary NCS MDM Node1

sel UB EPS_N1-14
sel RT Status
sel Inhib_RT Commands

cmd Inhib_RPCM_N1RS1_A **Execute**
cmd Inhib_RPCM_N1RS1_B **Execute**
cmd Inhib_RPCM_N1RS1_C **Execute**
cmd Inhib_RPCM_Z14B_A **Execute**
cmd Inhib_RPCM_Z14B_B **Execute**

RT Status

√RT Inhibit 11, 12, 18, 19, 20 (five) – Inh

5. COMMAND FGB RACU 6 OFF

NOTE

RACU commands sent from Orbiter will not work if FGB relay matrix is in **MCC-M** command state (COMMANDING - INH). Crew can follow ground activities using the "If ENA" block below.

CRT SM 204 FGB

√COMMANDING - INH (Moscow Commanding)

IF COMMANDING - INH

Crew⇓ MCC-H "Ready for RACU 6 Power OFF"
MCC-H⇒ MCC-M "Go for RACU 6 Power OFF"

RUSSIAN GROUND	AOS	LOS
Pass 1	___/___:___:___	___/___:___:___
Pass 2	___/___:___:___	___/___:___:___

MCC-M⇒ MCC-H⇑ Crew: "RACU 6 Powered Off at __/___:___:__ GMT"

If COMMANDING - ENA

MCC-M⇒ MCC-H: "Go for RACU 6 Power OFF"
MCC-H⇑ Crew: "Moscow GO for RACU 6 Power OFF"

On MCC GO

MCDS SM 204 FGB

RACU 6 Power OFF VIA NCS – ITEM 8 EXEC

√RACU 6 Input Amps < 2.0 A
√Output Volts: 0.0 V
√RACU 6 Power Off - *

PCS

nav FGB: EPS
FGB: EPS: RACU Details
RACU Details

sel Commands
cmd RACU6 - Off **Execute**
√RACU 6 Converter - Off
√RACU 6 Input Current < 2.0 A
√RACU 6 Output Voltage~ 0.0 V